

Title (en)
AQUEOUS PRESSURE SENSITIVE ADHESIVE COMPOSITIONS

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Application
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Abstract (en)
[origin: EP0379652A2] The present invention provides for a method for preparing a reaction mixture which contains an aqueous pressure-sensitive adhesive composition, utilizing an emulsion-polymerization reaction, wherein emulsion particles form upon initiation of the emulsion-polymerization reaction, the method characterized by the steps of: combining, in a reactor, initial-feed ingredients comprising water and an emulsion-polymerization surfactant; agitating the reactor contents and subjecting the reactor contents to an inert atmosphere; heating the agitated reactor contents to a predetermined reaction temperature; adding into the agitated reactor monomer-feed ingredients comprising an emulsion-polymerizable monomer mixture and an effective amount of an initiator for initiating the emulsion-polymerization reaction wherein either the initial-feed ingredients or the monomer-feed ingredients further comprise an effective amount of a stabilizer for preventing coagulation of the emulsion particles; and adding to the agitated reactor, prior to completion of the emulsion-polymerization reaction, an effective amount of a polymeric resin soluble or dispersible in water or in alkali, and having a number average molecular weight of about 1,000 to about 20,000, for producing in the reactor a reaction mixture containing an aqueous pressure-sensitive adhesive composition having an adhesive value of at least 6.6 ounces per linear inch as well as the improved emulsion pressure sensitive adhesive compositions formed thereby.

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Citation (search report)
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• [A] DE 1921946 A1 19701105 - BASF AG
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